

COMBINATION POWER FAILURE LIGHT AND FM/AM RADIO WITH A CLOCK AND ALARM FUNCTION

ABSTRACT OF THE INVENTION

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A device comprising a housing, a battery source, a transformer, a light, a radio, and a clock. The battery source is held in the housing and provides a first source of direct current (DC). The transformer, which is also held in the housing, is configured for receiving an alternating current (AC) from a source of AC and for converting the AC to a second source of DC. The light, the radio and the clock are also held in the housing. The light, the radio and the clock are operatively connected to the battery source and the transformer to receive the first and/or second source of DC thereby energizing these components. The device further includes a sensor, in electrical communication with the radio, for detecting AC availability. The radio has several modes. In a first mode, the radio is off regardless of whether the sensor detects availability of the AC. In a second mode, the radio is on when the sensor detects AC availability and the radio is off when the sensor determines that the AC is not available. In a third mode, the radio is on regardless of the availability of the AC.